



THE HANFORD SITE

Waste Encapsulation and Storage Facility

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Safety on roads with adverse conditions

- Frost – Defrost car early to be sure you can see through windows
- Black ice – If there is ice on your vehicle in the mornings, there is probably ice on the road that may be hard to see, so drive with caution
- Freezing fog – Make sure your vehicle's lights are bright / not burned out. Drive slowly, give space to vehicle in front of you

What is being briefed:

- Management of the Cesium and Strontium Capsules Project (W-135) mission
- Process for transfer of capsules to dry storage
- Status of W-135 Project

What do we want the HAB to do with this information?

- Information only, no advice is requested

Management of the Cesium and Strontium Capsule Storage Project



U.S. DEPARTMENT OF
ENERGY

CH2MHILL
Plateau Remediation Company
a Jacobs company

Waste Encapsulation and Storage Facility Modification Progress Updates



Operations Gallery Tubing



Operations Gallery Tubing and Compressor

Waste Encapsulation and Storage Facility Modification Progress Updates (Cont.)



January 2022

Heating, Ventilation and Air Conditioning (HVAC)
Chilled Water Piping



January 2022

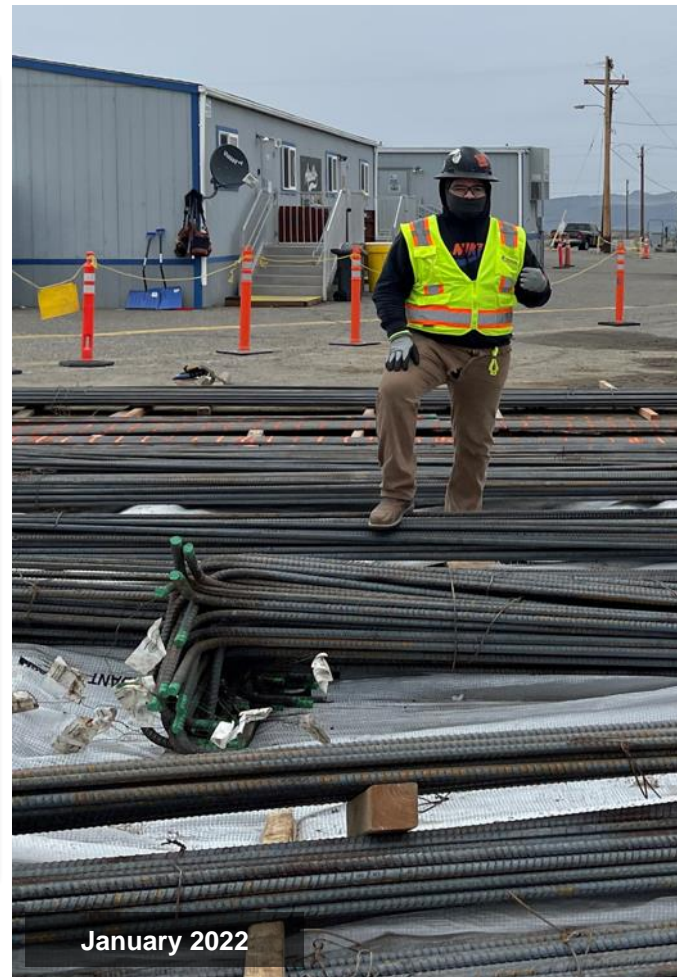
HVAC Chiller Unit and Chilled Water Piping in Service
Gallery

Waste Encapsulation and Storage Facility Modification Progress Updates (Cont.)



January 2022

Truckport Transfer Pad formed up for rebar and concrete pour



January 2022

Ironworker and Transfer Pad rebar

Cask Storage System Progress Updates



Recovery Shield Assembly



G-Cell Upender

Cask Storage System Progress Updates (Cont.)



December 2021

G-Cell Gate Cover Block



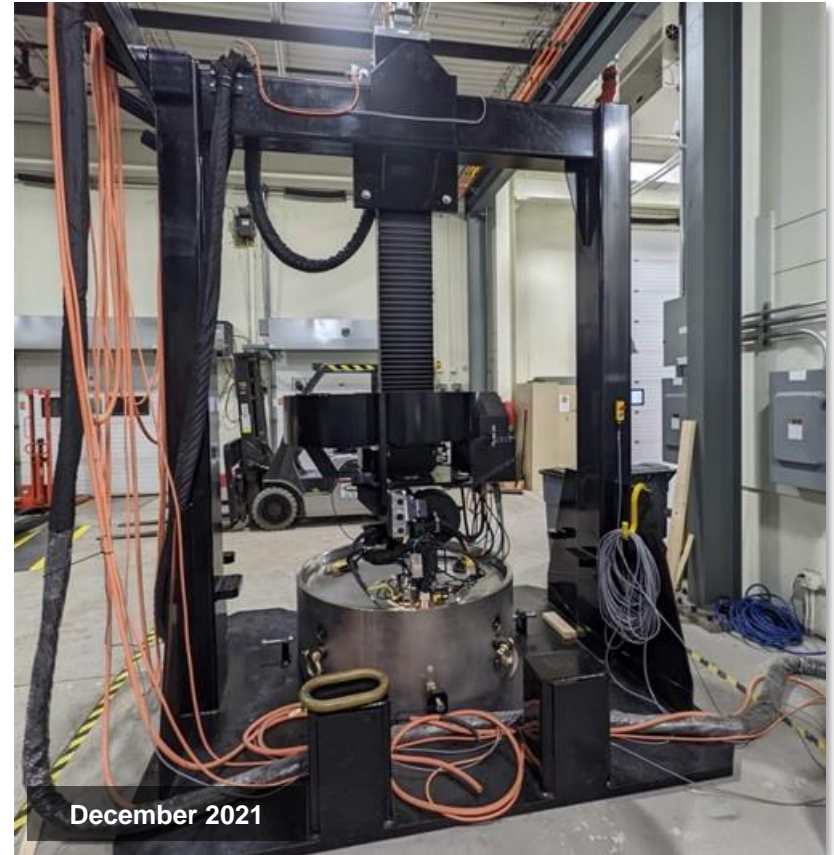
December 2021

G-Cell Gate Cover Block

Cask Storage System Progress Updates (Cont.)



Automatic Welding System Gantry



Automatic Welding System

Cask Storage System Progress Updates (Cont.)



Universal Capsule Sleeve Aluminum Inserts



July 2017

Dry-Storage Area before construction



May 2021

Dry-Storage Area construction complete



December 2021

Full-scale mock-up manipulator equipment



G-Cell mock-up at Maintenance and Storage Facility



Canyon wall mock-up at Maintenance and Storage Facility

- Significant progress has been made in key risk reduction program
- Transferring capsules to new dry-storage pad will enable planned deactivation of aging Waste Encapsulation and Storage Facility
- Completed project saves as much as \$6 million in annual operating costs

Questions?

The Hanford Reach
White Bluffs Overlooking the Columbia River